

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052924\
 Data File : VX041662.D
 Acq On : 29 May 2024 09:34
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Quant Time: May 30 07:23:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 30 07:15:30 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/30/2024
 Supervised By : Semsettin Yesilyurt 05/30/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	186658	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	273499	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	239340	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	116597	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	78 - 117	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	92 - 112	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	83 - 123	Recovery	=	0.000%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.167	85	1548	0.944	ug/l	96
3) Chloromethane	1.301	50	1978	1.105	ug/l	97
4) Vinyl Chloride	1.374	62	1828	0.992	ug/l	95
6) Chloroethane	1.666	64	1451	1.303	ug/l	93
7) Trichlorofluoromethane	1.874	101	2993	0.995	ug/l	94
8) Diethyl Ether	2.136	74	1195	1.031	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.319	101	1648	0.967	ug/l	93
12) 1,1-Dichloroethene	2.307	96	1630	0.980	ug/l #	77
14) Allyl chloride	2.660	41	2435	0.890	ug/l	98
15) Acrylonitrile	3.081	53	4539	4.570	ug/l	98
16) Acetone	2.392	43	9458	6.721	ug/l	97
17) Carbon Disulfide	2.502	76	3149	0.856	ug/l	99
18) Methyl Acetate	2.715	43	2256	1.032	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	5308	0.953	ug/l	99
20) Methylene Chloride	2.788	84	2739	1.337	ug/l #	80
21) trans-1,2-Dichloroethene	3.087	96	1654	0.958	ug/l #	81
22) Diisopropyl ether	3.764	45	4991	0.892	ug/l #	74
23) Vinyl Acetate	3.727	43	20181	4.016	ug/l	96
24) 1,1-Dichloroethane	3.611	63	3002	0.949	ug/l #	91
25) 2-Butanone	4.587	43	6326	4.446	ug/l	97
26) 2,2-Dichloropropane	4.471	77	2372	0.914	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	1877	0.910	ug/l	84
28) Bromochloromethane	4.904	49	1438	1.055	ug/l #	74
29) Tetrahydrofuran	5.038	42	4035	4.497	ug/l	98
30) Chloroform	5.093	83	3052	0.919	ug/l	90
32) 1,1,1-Trichloroethane	5.391	97	2576	0.885	ug/l #	52
36) 1,1-Dichloropropene	5.690	75	2215	0.967	ug/l	94
37) Ethyl Acetate	4.739	43	2696	0.933	ug/l #	81
38) Carbon Tetrachloride	5.678	117	2374	0.913	ug/l	91
39) Methylcyclohexane	7.373	83	2392	0.850	ug/l #	83
40) Benzene	6.038	78	6662	0.931	ug/l	98
41) Methacrylonitrile	4.946	41	983	0.696	ug/l	89
42) 1,2-Dichloroethane	6.092	62	2423	0.907	ug/l	86
43) Isopropyl Acetate	6.349	43	3895	0.893	ug/l	94
44) Trichloroethene	7.129	130	1775	0.912	ug/l	91
45) 1,2-Dichloropropane	7.428	63	1423	0.836	ug/l #	79

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.592	93	1131	0.867	ug/l #	72
47) Bromodichloromethane	7.830	83	1969	0.815	ug/l #	90
48) Methyl methacrylate	7.708	41	1656	0.790	ug/l	98
49) 1,4-Dioxane	7.690	88	703m	15.357	ug/l	
51) 4-Methyl-2-Pentanone	8.580	43	12126	4.286	ug/l	93
52) Toluene	8.720	92	3878	0.854	ug/l	100
53) t-1,3-Dichloropropene	8.988	75	1543	0.649	ug/l	98
54) cis-1,3-Dichloropropene	8.373	75	1945	0.739	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	1684	0.920	ug/l	95
56) Ethyl methacrylate	9.129	69	1916	0.686	ug/l	86
57) 1,3-Dichloropropane	9.311	76	2735	0.900	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.251	63	5072	3.855	ug/l	97
59) 2-Hexanone	9.439	43	8156	3.781	ug/l	98
60) Dibromochloromethane	9.519	129	1543	0.760	ug/l	97
61) 1,2-Dibromoethane	9.610	107	1669	0.864	ug/l	90
64) Tetrachloroethene	9.275	164	1718	0.958	ug/l	90
65) Chlorobenzene	10.080	112	4977	0.969	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	1572	0.882	ug/l #	66
67) Ethyl Benzene	10.195	91	6950	0.849	ug/l	99
68) m/p-Xylenes	10.305	106	5478	1.682	ug/l	99
69) o-Xylene	10.640	106	2754	0.850	ug/l	92
70) Styrene	10.659	104	4103	0.767	ug/l	96
71) Bromoform	10.799	173	1137	0.732	ug/l #	100
73) Isopropylbenzene	10.964	105	6224	0.861	ug/l	98
74) N-amyl acetate	10.848	43	2440	0.762	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	2669	1.040	ug/l	94
76) 1,2,3-Trichloropropane	11.244	75	2033m	0.981	ug/l	
77) Bromobenzene	11.201	156	2030	0.951	ug/l	78
78) n-propylbenzene	11.305	91	6551	0.825	ug/l	96
79) 2-Chlorotoluene	11.366	91	4798	0.940	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	5102	0.845	ug/l	99
82) 4-Chlorotoluene	11.457	91	5118	0.881	ug/l	97
83) tert-Butylbenzene	11.713	119	5659	0.870	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	4967	0.812	ug/l	95
85) sec-Butylbenzene	11.890	105	6080	0.815	ug/l	94
86) p-Isopropyltoluene	12.012	119	5143	0.786	ug/l	93
87) 1,3-Dichlorobenzene	11.969	146	3584	0.940	ug/l	91
88) 1,4-Dichlorobenzene	12.043	146	3865m	0.983	ug/l	
89) n-Butylbenzene	12.335	91	3780	0.730	ug/l	93
90) Hexachloroethane	12.543	117	929	0.835	ug/l	67
91) 1,2-Dichlorobenzene	12.335	146	3504	0.902	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	12.945	75	366	0.706	ug/l #	48
93) 1,2,4-Trichlorobenzene	13.591	180	2027	0.792	ug/l	95
94) Hexachlorobutadiene	13.725	225	1157	0.912	ug/l	98
95) Naphthalene	13.780	128	5634	0.746	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	2058	0.781	ug/l	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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